Horizon Database for DALNET

Decisions

1) Database Structure
   a) Single bib record/file
   b) Separate bib records/files
   c) Groups of bib records/files (variation on b)

2) Database Indexes

3) Database migration strategy
   a) Individual files
   b) Shared files

Considerations/Issues Impacting Decisions

1) Cataloging considerations
   a) Master record concept
   b) Local information on record
   c) Security for input, edit, update
   d) Linking fields
   e) URL's to electronic versions (not all will license)
   f) Handling of "massive" numbers of copies
   g) Record transfer to/from OCLC

2) Authority considerations
   a) Shared authority file
   b) Need for LCSH resource file
   c) Security for input edit update
   d) Local decisions, esp. series

3) OPAC display issues
   a) Brief and long display options
   b) Display of local info appropriately w/scoped catalogs
   c) Appropriate references with scoped catalogs
   d) Help and explain screen options
   e) Need for "scoped" catalogs--by library, institution, collection

4) Acquisitions issues
   a) Order record linkages
   b) Fund control
   c) Security for input, view, update--etc.
   d) Vendor options

5) Serials issues
  a) Prediction pattern options

6) Circulation issues
  a) Shared patron database--
      single record or multiple?
  b) Security
  c) Patron billing records
  d) Patron authentication for empowerment

7) Report writing
  a) Security for own data
  b) Performance impact to run standard reports
  c) Report Smith performance for ad-hoc reports

8) System Performance
  a) Backup/recovery
  b) Continued weekly dataloading
      (FTP'd records or records on disk/tape)
  c) Day's End procedures
  d) "Mirrored" server environment

9) Migration issues
  a) System downtime to add libraries to production
  b) If single bib, how to merge records during migration (anticipate
      about 1/3 overlap among 4.2 million bibs)
  c) How to maintain authority ~~fields~~ files on two production systems (Horizon and
      NOTIS) during migration.   ✓

10) DALNET contractual ~~issues~~ obligations
  a) ability of member to get a copy of all records

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